

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

ATTORNEY DOCKET NUMBER: 60002639-1

IN RE APPLICATION OF: U.S. Patent No. 7,031,021

USPTO CONFIRMATION CODE: 8230

APPLICATION NO.: 09/642,416

FILED: Aug. 19, 2000

EXAMINER: Thomas D. Lee

GROUP ART UNIT: 2625

FOR: RANDOMIZED SUPERPIXELS TO ENHANCE MULTILEVEL IMAGE  
QUALITY IN ECONOMICAL, FAST INCREMENTAL-PRINTING ERROR  
DIFFUSION

**37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION**

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number  
09/642,416, now Patent Number 7,031,021.

A certificate of correction under 35 USC 254 is respectfully requested in the  
above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further  
fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00**  
to our Deposit Account No. 082025. In the event that a further fee is required, please  
charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly,  
please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee  
is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application  
are as follows:

In column 1, line 40, delete “calorimetrically” and insert - - calorimetrically - -, therefor.

(Specification filed on Aug. 19, 2000, page 2, line 4)

In column 1, line 67, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 3, line 6)

In column 3, line 11, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 5, line 21)

In column 3, line 20, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 6, line 4)

In column 3, line 22, delete “calorimetric” and insert - - calorimetric - -; therefor.

(Specification filed on Aug. 19, 2000, page 6, line 7)

In column 3, line 52, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 7, line 7)

In column 3, line 52, delete “calorimetrically” and insert - - calorimetrically - -, therefor.

(Specification filed on Aug. 19, 2000, page 7, line 7)

In column 3, line 55, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 7, line 11)

In column 4, line 24, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 8, line 22)

In column 4, line 58, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 9, line 29)

In column 4, line 61, delete “a” before “both”.

(Specification filed on Aug. 19, 2000, page 9, line 33)

In column 5, line 19, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 10, line 31)

In column 5, line 20, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 10, line 32)

In column 6, line 20, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 13, line 5)

In column 6, lines 24-25, delete “calorimetric” and insert - - calorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 13, line 10)

In column 6, lines 31-32, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 13, line 18)

In column 6, line 39, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 13, line 25)

In column 7, line 14, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 15, line 3)

In column 7, line 15, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 15, line 4)

In column 7, line 15, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 15, line 5)

In column 7, line 20, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 15, line 9)

In column 8, line 23, delete “calorimetric” and insert - - colorimetric - -, therefor.

(Specification filed on Aug. 19, 2000, page 17, line 23)

In column 11, line 29, delete ““1rand48”” and insert - - “1rand48” - -, therefor.

(Specification filed on Aug. 19, 2000, page 24, line 17)

In column 16, line 58, delete “2201” and insert - - 220’ - -, therefor.

(Specification filed on Aug. 19, 2000, page 36, line 18)

In column 19, line 62, in Claim 6, delete “calorimetric” and

insert - - colorimetric - -, therefor.

(Amendment to claims filed on Jan. 31, 2005, page 4, in Claim 5, line 3)

In column 20, line 3, in Claim 6, delete “calorimetric” and

insert - - colorimetric - -, therefor.

(Amendment to claims filed on Jan. 31, 2005, page 4, in Claim 5, line 13)

In column 20, line 24, in Claim 7, delete “calorimetric” and

insert - - colorimetric - -, therefor.

(Amendment to claims filed on Jan. 31, 2005, page 5, in Claim 6, line 3)

In column 20, line 30, in Claim 7, delete “calorimetric” and

insert - - colorimetric - -, therefor.

(Amendment to claims filed on Jan. 31, 2005, page 5, in Claim 6, line 9)

In column 20, line 32, in Claim 7, delete “calorimetric” and

insert - - colorimetric - -, therefor.

(Amendment to claims filed on Jan. 31, 2005, page 5, in Claim 6, line 11)

In column 20, line 34, in Claim 7, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 5, in Claim 6, line 13)

In column 21, line 7, in Claim 10, delete “calorimetrically” and  
insert - - colorimetrically - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 2, in Claim 2, line 3)

In column 21, line 25, in Claim 14, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 8, in Claim 15, line 6)

In column 21, line 56, in Claim 23, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 10, in Claim 24, line 3)

In column 22, line 7, in Claim 24, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 10, in Claim 25, line 9)

In column 22, line 23, in Claim 27, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 11, in Claim 28, line 3)

In column 22, lines 23-24, in Claim 27, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 11, in Claim 28, line 4)

In column 22, line 29, in Claim 28, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 11, in Claim 29, line 4)

In column 22, line 32, in Claim 28, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 11, in Claim 29, line 8)

In column 22, line 39, in Claim 28, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 11, in Claim 29, line 14)

In column 22, line 56, in Claim 32, delete “calorimetric” and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 12, in Claim 33, line 3)

In column 22, lines 56-57, in Claim 32, delete "calorimetric" and  
insert - - colorimetric - -, therefor.  
(Amendment to claims filed on Jan. 31, 2005, page 12, in Claim 33, line 4)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

12 March 2009  
DATE

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P.O. Box 272400  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 5

PATENT NO. : 7,031,021  
APPLICATION NO. : 09/642,416  
ISSUE DATE : Apr. 18, 2006  
INVENTOR(S) : Antonio Lain, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, line 40, delete "calorimetrically" and insert - - colorimetrically - -, therefor.

In column 1, line 67, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 3, line 11, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 3, line 20, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 3, line 22, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 3, line 52, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 3, line 52, delete "calorimetrically" and insert - - colorimetrically - -, therefor.

In column 3, line 55, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 4, line 24, delete "calorimetric" and insert - - colorimetric - -, therefor.

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This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

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Page 2 of 5

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APPLICATION NO. : 09/642,416  
ISSUE DATE : Apr. 18, 2006  
INVENTOR(S) : Antonio Lain, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 4, line 58, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 4, line 61, delete "a" before "both".  
In column 5, line 19, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 5, line 20, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 6, line 20, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 6, lines 24-25, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 6, lines 31-32, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 6, line 39, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 7, line 14, delete "calorimetric" and insert - - colorimetric - -, therefor.  
In column 7, line 15, delete "calorimetric" and insert - - colorimetric - -, therefor.

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 7, line 15, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 7, line 20, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 8, line 23, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 11, line 29, delete ""1rand48"" and insert - - "1rand48" - -, therefor.

In column 16, line 58, delete "2201" and insert - - 220' - -, therefor.

In column 19, line 62, in Claim 6, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 20, line 3, in Claim 6, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 20, line 24, in Claim 7, delete "calorimetric" and insert - - colorimetric - -, therefor.

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 20, line 30, in Claim 7, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 20, line 32, in Claim 7, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 20, line 34, in Claim 7, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 21, line 7, in Claim 10, delete "calorimetrically" and insert - - colorimetrically - -, therefor.

In column 21, line 25, in Claim 14, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 21, line 56, in Claim 23, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, line 7, in Claim 24, delete "calorimetric" and insert - - colorimetric - -, therefor.

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In column 22, line 23, in Claim 27, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, lines 23-24, in Claim 27, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, line 29, in Claim 28, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, line 32, in Claim 28, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, line 39, in Claim 28, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, line 56, in Claim 32, delete "calorimetric" and insert - - colorimetric - -, therefor.

In column 22, lines 56-57, in Claim 32, delete "calorimetric" and insert - - colorimetric - -, therefor.

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